

## What is claimed is:

1. A recording medium including recorded data, comprising:  
pits formed along tracks, with data recorded therein, the data including copy protection information for encryption and/or decryption, wherein pits formed in some portions of the tracks are shifted from a track center to left and/or right to thereby form intermittent or alternate wobbled pits, wherein key information for encryption and/or decryption is encoded in a deviation shape of said pits shifted from the track center.
2. The recording medium according to claim 1, wherein the wobbled pits are in a lead-in zone of an information area of the recording medium.
3. The recording medium according to claim 2, wherein the wobble pits are in a permanent information & control (PIC) data area of the information area of the recording medium.
4. The recording medium according to claim 1, wherein the wobble pits are in a burst cutting area (BCA) of an information area of the recording medium, and the BCA includes disc type information.
5. The recording medium according to claim 1, wherein data is encoded in the deviation shape of said wobbled pits.

6. The recording medium according to claim 5, wherein said deviation shape has bi-phase modulated bit values.

7. The recording medium according to claim 1, wherein said data includes information about the recording medium including the type of the recording medium.

8. The recording medium according to claim 1, wherein said data includes decryption information for decrypting encrypted contents recorded on the recording medium.

9. The recording medium according to claim 1, wherein said data further includes at least one of a serial number of the recording medium, disc information, and disc important information.

10. The recording medium according to claim 1, wherein said copy protection information is a copy protect flag.

11. The recording medium according to claim 9, wherein said disc information and said disc important information may be recorded in the wobbled pits.

12. The recording medium according to claim 11', wherein said wobbled pits are detected by push-pull signal detection.

13. The recording medium according to claim 9, wherein said disc

information may be recorded in straight pits.

14. The recording medium according to claim 13, wherein said straight pits are detected by RF signal detection.

15. The recording medium according to claim 1, wherein said recorded data is recorded in straight pits and said straight pits are detected by RF signal detection.

16. The recording medium according to claim 3, wherein information about the recording medium including the type of the recording medium is recorded with modulation as straight pits positioned in said PIC zone, wherein the straight pits are not shifted from the track center.

17. The recording medium according to claim 3, wherein decryption information for decrypting encrypted data recorded on the recording medium is recorded with modulation as straight pits positioned in said PIC zone.

18. The recording medium according to claim 17, wherein decryption key information for decrypting said encrypted decryption information is encoded in the deviation shape of said pits shifted from the track center.

19. The recording medium according to claim 1, wherein arrays of said pits shifted from the track center are formed intermittently at more than two places.

20. The recording medium according to claim 19, wherein a length of an

array of straight pits between arrays of said pits shifted from the track center is larger than a length of arrays of said pits shifted from the track center.

21. The recording medium according to claim 19, wherein each of the arrays of said pits shifted from the track center has a different length.

22. The recording medium according to claim 21, wherein each of the arrays of straight pits between arrays of said shifted pits has a different length.

23. A method of forming a recording medium, comprising:

forming pits formed along tracks, with data recorded therein, the data including copy protection information for encryption and/or decryption, wherein pits formed in some portions of the tracks are shifted from a track center to left and/or right to thereby form intermittent or alternate wobbled pits, wherein key information for encryption and/or decryption is encoded in a deviation shape of said pits shifted from the track center.

24. A method of reproducing data from a recording medium, comprising:

utilizing data recorded in pits formed along tracks, the data including copy protection information for encryption and/or decryption, wherein pits formed in some portions of the tracks are shifted from a track center to left and/or right to thereby form intermittent or alternate wobbled pits, wherein key information for encryption and/or decryption is encoded in a deviation shape of said pits shifted from the track center.

25. A method of recording data on a recording medium, comprising:

recording data in pits formed along tracks, the data including copy protection information for encryption and/or decryption, wherein pits formed in some portions of the tracks are shifted from a track center to left and/or right to thereby form intermittent or alternate wobbled pits , wherein key information for encryption and/or decryption is encoded in a deviation shape of said pits shifted from the track center.

26. An apparatus for reproducing data from a recording medium, said apparatus utilizing pits formed along tracks, with data recorded therein, the data including copy protection information for encryption and/or decryption, wherein pits formed in some portions of the tracks are shifted from a track center to left and/or right to thereby form intermittent or alternate wobbled pits, wherein key information for encryption and/or decryption is encoded in a deviation shape of said pits shifted from the track center.